



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/720,275	02/22/2001	Gunter Fuhr	A33828 PCT U	9406
21003	7590	05/17/2004	EXAMINER	
BAKER & BOTTS 30 ROCKEFELLER PLAZA NEW YORK, NY 10112			MUTSCHLER, BRIAN L	
			ART UNIT	PAPER NUMBER
			1753	

DATE MAILED: 05/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**UNITED STATES DEPARTMENT OF COMMERCE****U.S. Patent and Trademark Office**

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

*h*

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
---------------------------------	-------------	---	---------------------

EXAMINER
----------

ART UNIT	PAPER
----------	-------

20040511

DATE MAILED:

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner for Patents**

The reply filed on April 2, 2004, is not fully responsive to the prior Office Action because of the following omission(s) or matter(s):

The amended claims are missing original claim language. The current amendment practice requires the submission of the text of all claims, using underlining to show added material and strikethroughs or double-bracketing to show canceled material. The submitted amendment is missing claim language.

For example, claim 31 originally recited "an area-shaped microelectrode" and provided limitations defining the arrangement of the microelectrodes within the microsystem. Amended claim 31 is missing these limitations. Since claim 32 still recites "the area-shaped microelectrode," it appears that the original language has inadvertently been omitted.

Another example of missing language appears in claim 34, which originally recited "three microelectrodes" and "two microelectrodes" and also the relationship between the electrodes within the microsystem. These limitations do not appear in amended claim 34, and there is no indication that such language has been canceled.

The amendment to the claims raises certain grammatical errors as well. For example, claim 29 recites "channel walls comprise bottom and cover surfaces walls" in line 2. It appears that the word "surfaces" should be deleted as it was in line 3. Another example include the hyphens "-" added in claim 31 (lines 1 and 4). Further inconsistencies between the original claims and the amended claim also include the limitation "the channel has a cross-sectional, rectangular shape," which appears to describe the channel as "cross-sectional" as opposed to having a rectangular cross-section as originally presented.

Applicant's assistance in identifying and correcting these and other inconsistencies is appreciated.

See 37 CFR 1.111. Since the above-mentioned reply appears to be bona fide, applicant is given ONE (1) MONTH or THIRTY (30) DAYS from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

**NAM NGUYEN**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 1700**